LAMINATED TIMBER ARCHES.—Messrs. Green's handsome wooden bridges, on the line of the Newcastle and North Shields Railway, have familiarised the public eye with the laminated timber arch. The principle, as we learn from THE BUILDER, is now applied to the construction of roofs; and a controversy has arisen as to authorship or discovery. If our worthy contemporary, who gives names, dates, and extracts, in relation to laminated arch ribs, will turn to Coxe's "Travels in Switzerland," volume first, second edition, 1791, he will find mentioned, at page 132, the wooden bridge of Wettingen, which spans the Limmat, near Baden, and was erected by Ulric Grubenman, of Appenzel, a self-taught architect; and the letterpress is accompanied by an engraving from a sketch by Sir John Soane. Coxe's description is vague, but the arch is evidently formed of laminated timber.—*Gateshead Observer.*

STREET ORDERLIES.—The united parishes of St. Giles-in-the-Fields and St. George, Bloomsbury, have come to the resolution of employing "street orderlies" for the purpose of cleansing the public streets. We commend them for the step, and hope to see the example followed.

VERY BLIND.—Tenders for slight repairs and the painting of a house in Great Marlborough-street:—

Beasley	£290 0
Battam and Crask.....	114 0
McLachlan (accepted)	97 12

TO CORRESPONDENTS.

Received.—"G." (Canterbury), "W. R." (the Architectural Lending Library advertised in our pages is a *bona fide* undertaking. We will look to it. As to asphaltum for staining, apply to Seyssel Asphalte Company), "J. H." (the drawings shall be left at York-street), "R. T.," "R. W.," "K. N. R." (we are compelled to adhere to our regulation), "A. B." (must wait his turn), "L. L.," "T. H.," "Constant Reader," "P. R.," "W. Y.," "F. N.," "J. Q." (the MS. has arrived, but has not yet been examined), "Jacob Omnium," "Scrutator" (had better state his objections), "G. R. B. (thanks—it shall appear), "J. G., jun. (yes), "R. T.," "J. P. W." (the article in question was inadvertently omitted. Further reference is not desirable), "E. W.," "J. C. P.," "Juvenis," (*rebuilding* the buttress in the manner shown is scarcely defensible), "C. F.", "J. W." "Drainage,"—a pile of letters on this subject must stand over.

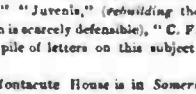
ERRATUM.—Montacute House is in *Somersetshire*, near Yeovil, and not Wiltshire as stated.

"*Books, Prices, and Addresses.*"—We have not time to point out books or find addresses.

NOTICE.—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor;" all other communications should be addressed to the EDITOR, and not to the Publisher.

ADVERTISEMENTS.

ROYAL POLYTECHNIC INSTITUTION.—An Illustration of Ancient Traditions, in Tale and Song, after the Manner of the Ancient Minstrels, by George Soane, R.A., assisted by Miss Clara Soane and Miss Rose Soane, every Evening at Eight.—Rome Illustrated in a Series of Dissolving Views.—A Descriptive Lecture, embracing the most interesting points connected with the subject, will be given by Mr. J. Russell.—Lectures on Chemistry, by Mr. J. W. Ashley, Daily at Half-past Three, and on the Evenings of Monday, Wednesday, and Friday, at Nine o'clock. Lecture, by Dr. Bachhoffner, on Masters's Patent Process of Freeing Dessert Ices. &c. Diver and Diving Bell.—Admission, 1s.; Schools, half-price.



ROYAL MANCHESTER INSTITUTION'S EXHIBITION of PRACTICAL SCIENCE, MANUFACTURES, and the ARTS. This exhibition will open at the beginning of March and close at the end of May. Works intended for exhibition must arrive as follows:—Machinery and models of machinery, on or before January 31st; plate and plated goods, on or before February 21st; all other articles on or before February 14th. They must be addressed to the "Honorary Secretary, Royal Institution, Manchester, accompanied with full descriptions, and the name of the maker, inventor or designer, in addition to that of the exhibitor. All articles to be subject to the approval or rejection of the council, and to be at the owner's risk. The carriage to Manchester will be paid on works sent by invited parties, but the return carriage must be paid by the contributors. All articles must remain till the close of the exhibition, except textile manufactures, which may be removed and changed as may be agreed upon. Motive power will be found by the institution for machinery and working models, but the same must be put up and fitted by the contributors.—Blank schedules and other particulars will be furnished on application to the Honorary Secretary.

GEO. WARING ORMROD, Hon. Sec.

TERRA-COTTA, or VITRIFIED STONE WORKS, King Edward-street, Westminster-road, London.—M. H. BLANCHARD, from late Cundy's Original Works, Belvedere-road, Lambeth, begs to inform the Nobility, Gentry, Architects, and Builders, that he has re-established the manufacture of that invaluable material, which has been successfully adopted by our eminent Architects and others, in the adornment of our noblest buildings, nearly 100 years has proved the imperishable nature of the material, the specimens of those times now exhibiting all their primitive sharpness.

Groups, statues, friezes, capitals, panelling, pinnacles, finials, terminals, Tudor, and other chimney shafts, balustrading, fountains, fonts, busts, vases, coats of arms, devices, and every description of architectural ornament, at prices in many instances nearly half the cost of stone.

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Works, 13, Wellington-street North, Strand.

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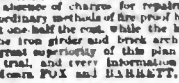
THE SECURITY from FIRE which results from the adoption of the system of constructing FLOORS, CEILINGS, and ROOFS, invented and patented by Mr. FOX, is attained WITHOUT any INCREASE of COST. In this system the ordinary timber joists are superseded, and their place is taken by the requisite degree of strength is developed by combination) are substituted; these, together with successive layers of incombustible materials, forming a perfectly fire-proof foundation, capable of receiving a finished surface of wood, composition, stone, slate, or tile, &c. This plan of building possesses much greater durability than the ordinary method; the structure is effectually protected from the attacks of Dry-rot; and the annoyance resulting from vermin and insects of all kinds is entirely prevented.

The advantages of this system, whether in dwelling houses, Warehouses, Manufactories, or other buildings, is attended with economy—immediate, in the reduction of the first cost; and prospective, in the absence of charges for repairs. Every advantage attained by the ordinary methods of fire-proof building is effectually secured at about one half the cost, while the lateral thrust, so objectionable in the iron girder and brick arch system, is entirely avoided. The great superiority of this plan has been proved by many years of trial, and every information may be obtained on application to Messrs FOX and BARNETT, Leicester Chambers, 68, Leicester-square.



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"Westminster, May 16th, 1846.

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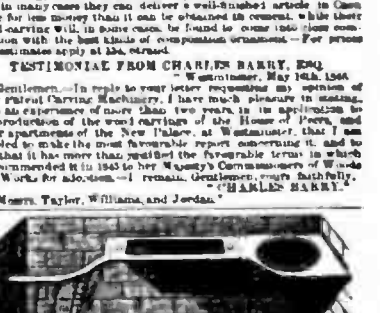
"CHARLES BARRY."

Messrs. Taylor, Williams, and Jordan."



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